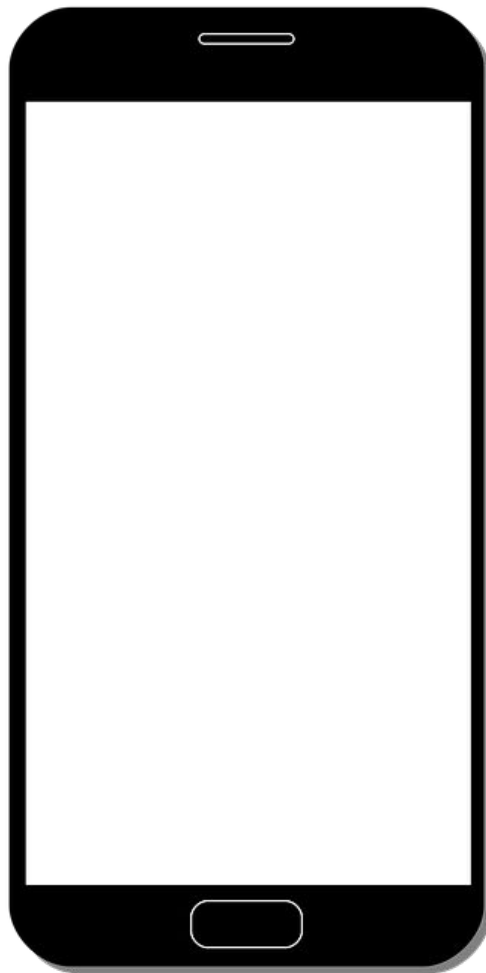


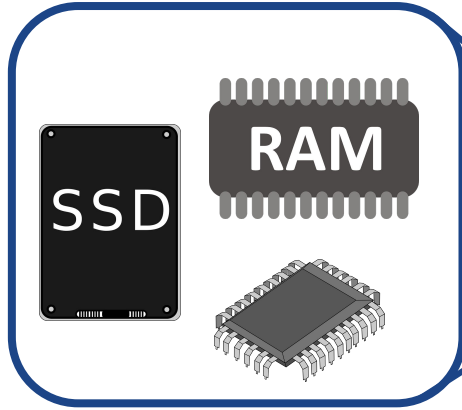
What's in a smartphone?

Smartphone

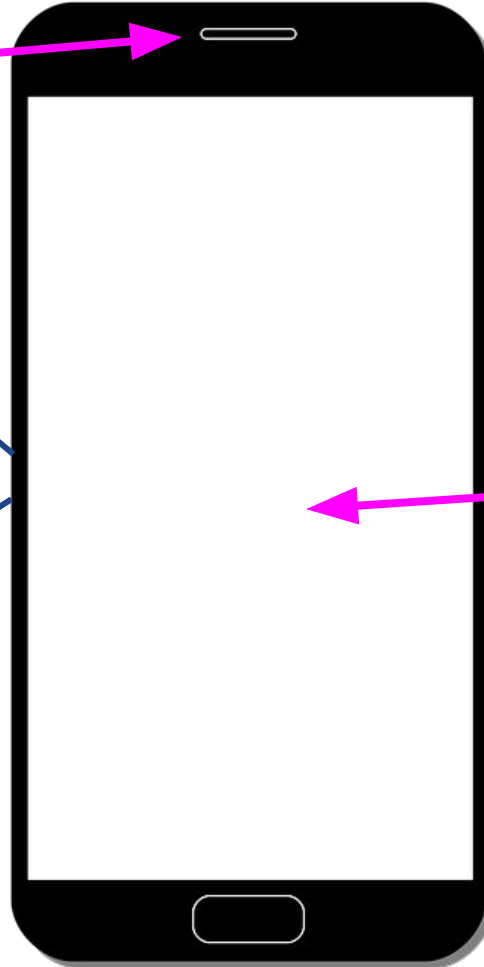


Computer

Speaker

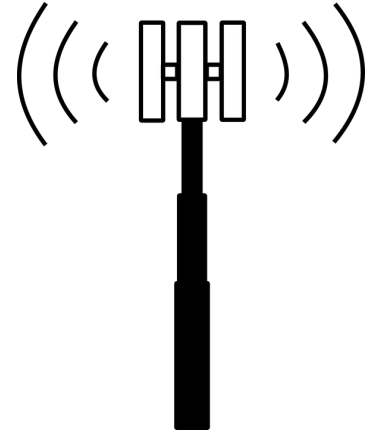


Microphone



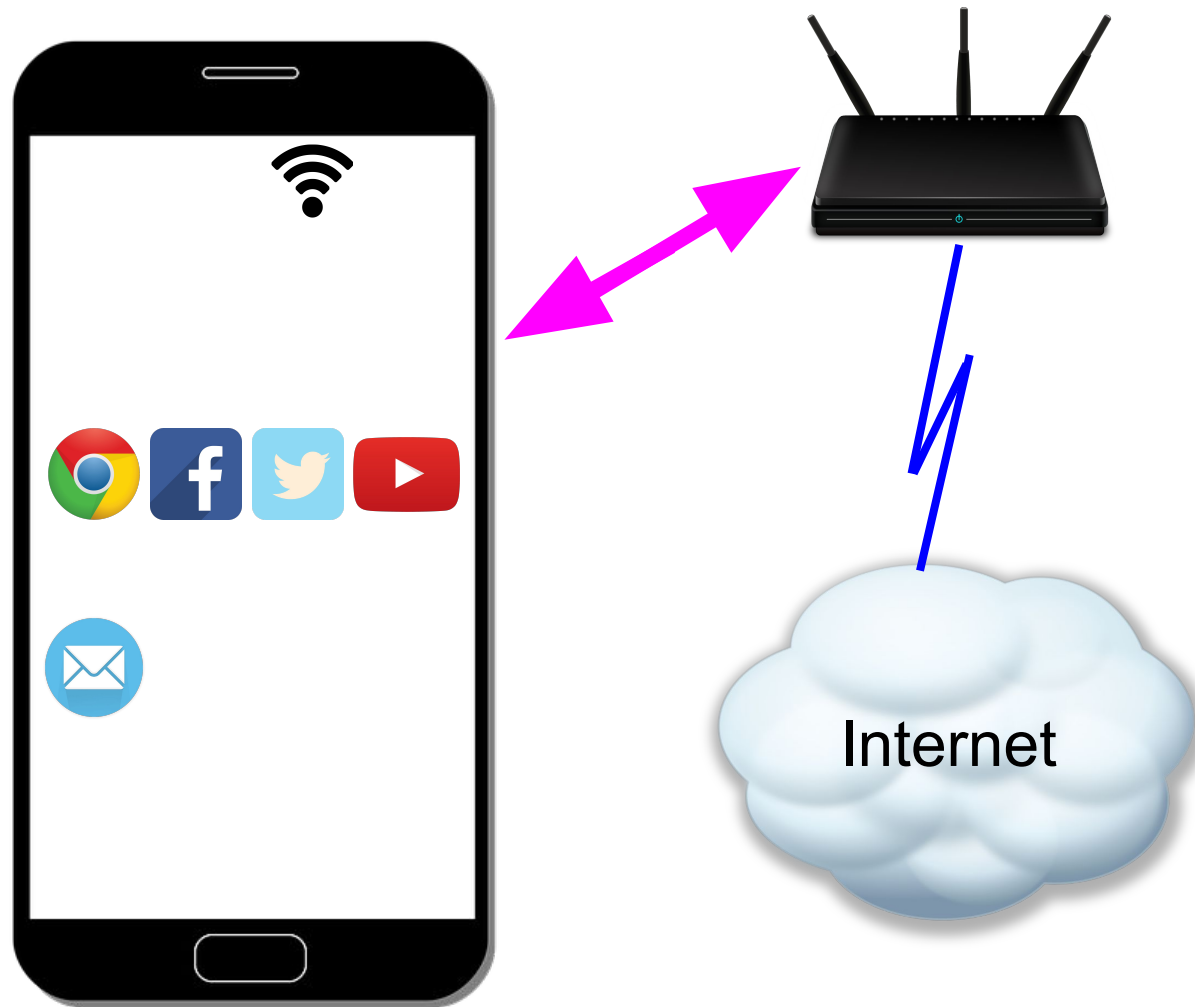
Touch-sensitive
screen

*Telephone
application*

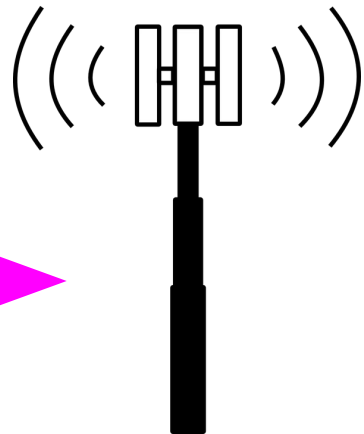
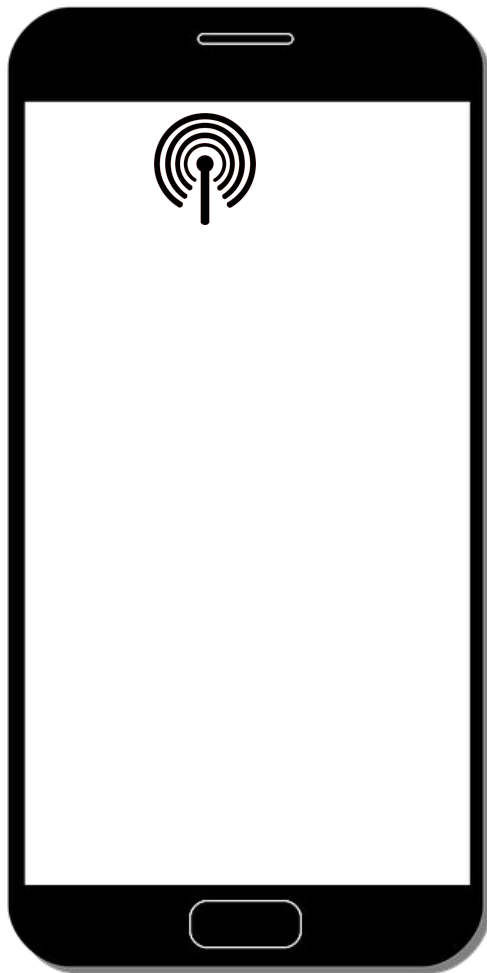


Telephone
cell tower

WiFi applications



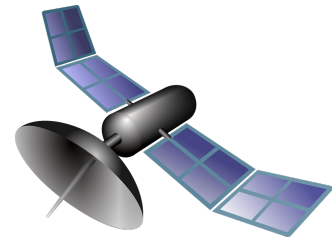
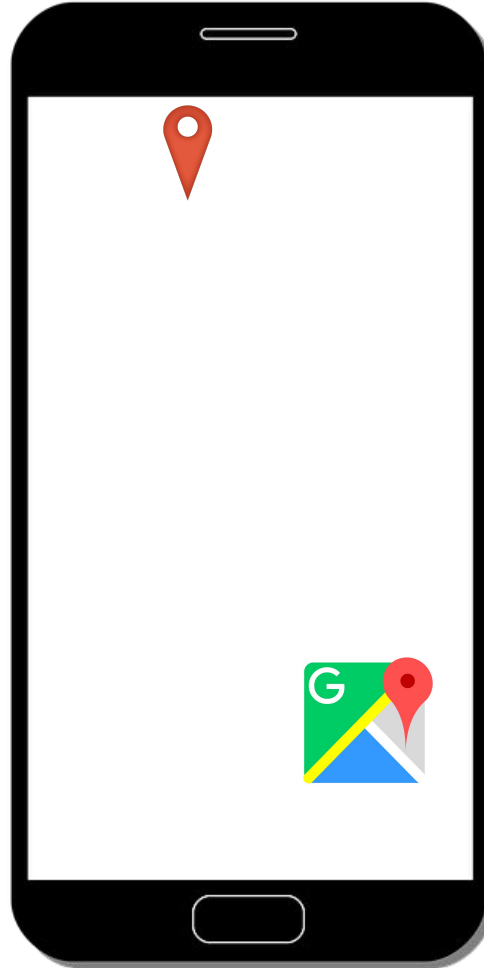
WiFi
Access Point
("hot-spot")



FM Radio

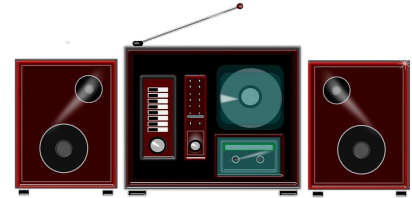
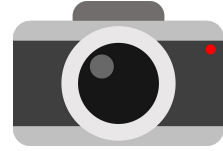
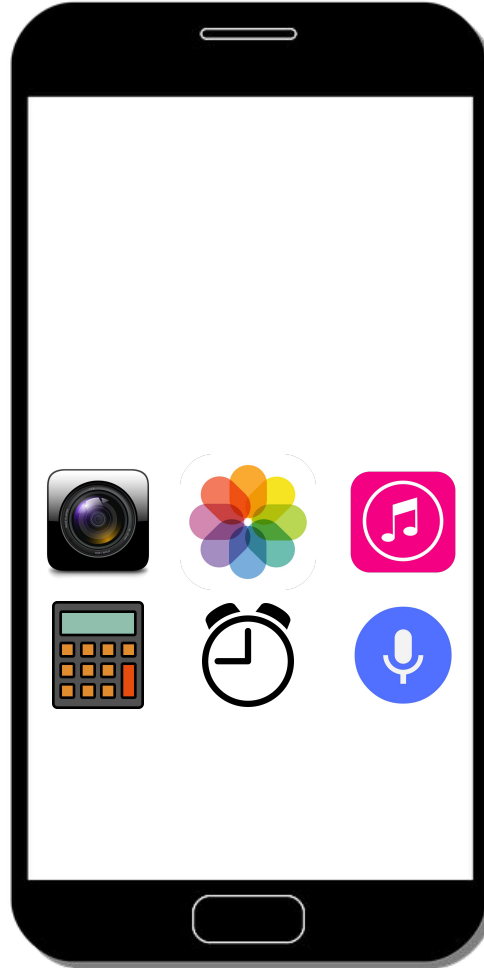


GPS Receiver

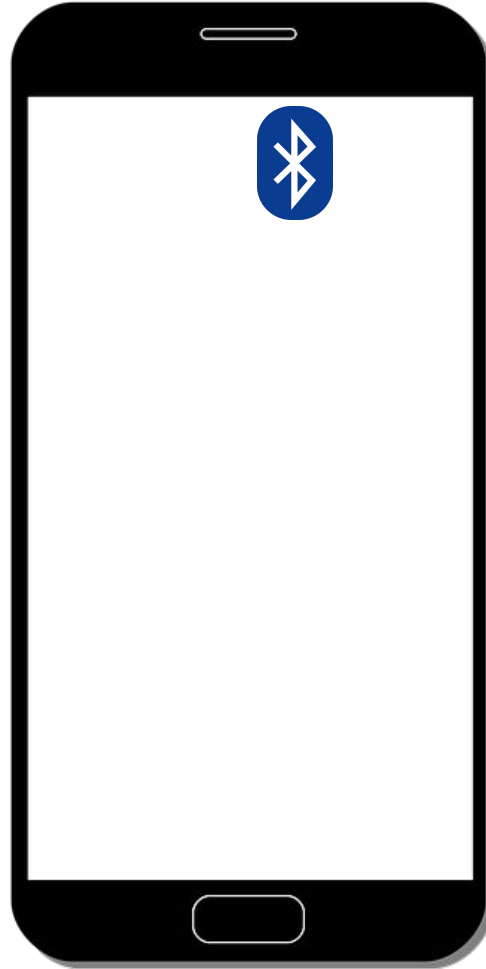
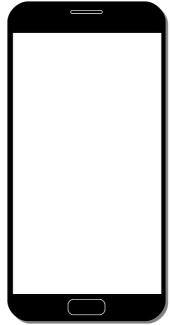


GPS = Global
Positioning
System

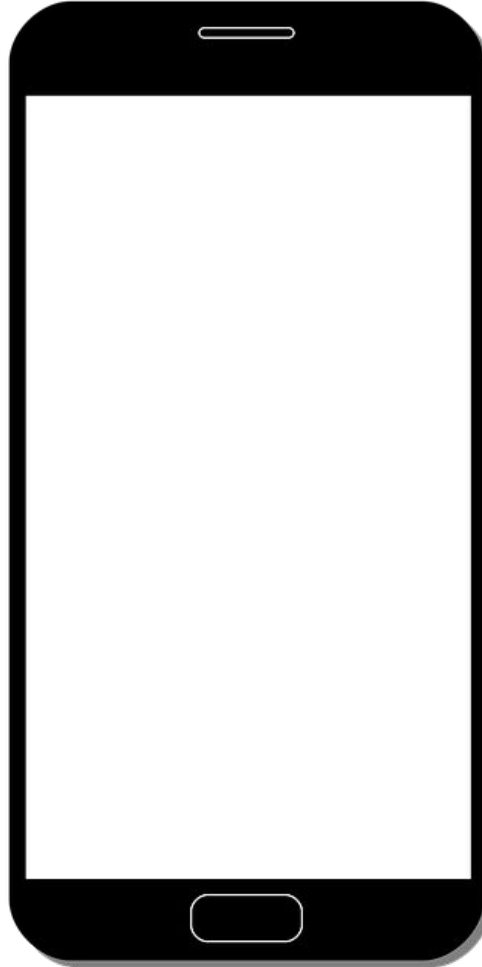
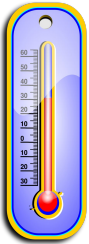
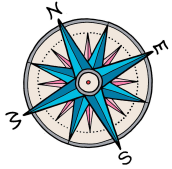
Local (or stand-alone) Applications



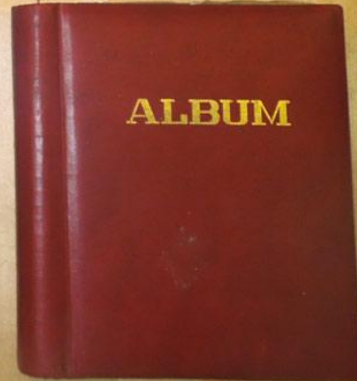
*Bluetooth
transceiver*



Sensors



- light sensor
- proximity sensor
- accelerometer
- gyroscope
- magnetic compass
- temperature
- air pressure



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